

=> d his

(FILE 'HOME' ENTERED AT 15:16:39 ON 11 OCT 2005)

FILE 'CASREACT' ENTERED AT 15:16:59 ON 11 OCT 2005

L1 STRUCTURE UPLOADED

L2 1 S L1 SSS

L3 14 S L1 SSS FULL

=> d l1

L1 HAS NO ANSWERS

L1 STR

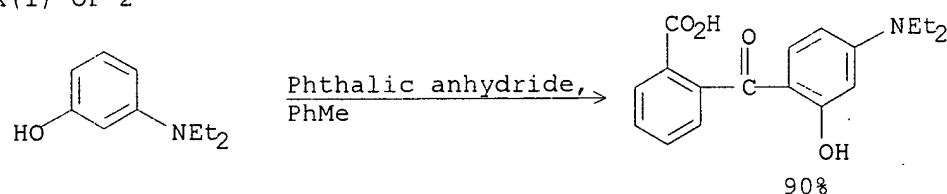
* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> d 1-14

L3 ANSWER 1 OF 14 CASREACT COPYRIGHT 2005 ACS on STN

RX(1) OF 2



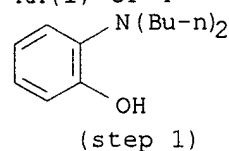
REF: Faming Zhuanli Shenqing Gongkai Shuomingshu, 1354168, 19 Jun 2002

NOTE: alternative prepn. shown

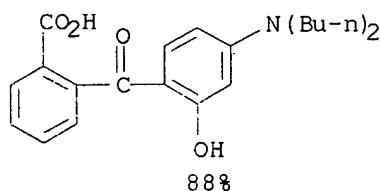
CON: STAGE(1) room temperature -> 80 deg C; 10 hours, 80 deg C;
5 hours, 90 deg C; 2 hours, 100 deg C;
100 deg C -> 110 deg C; 1 hour, 110 deg C;
110 deg C -> room temperature

L3 ANSWER 2 OF 14 CASREACT COPYRIGHT 2005 ACS on STN

RX(1) OF 4



1. Phthalic anhydride
2. PhMe

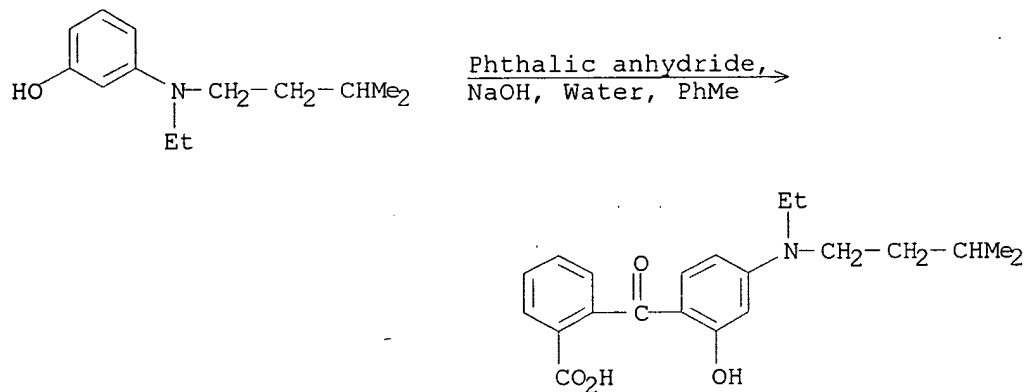


REF: PCT Int. Appl., 2003037846, 08 May 2003

NOTE: optimization study

CON: STAGE(1) room temperature -> 95 deg C; 4 hours, 90 - 95 deg C
STAGE(2) 95 deg C; 1 hour, 95 deg C; 95 deg C -> 20 deg C

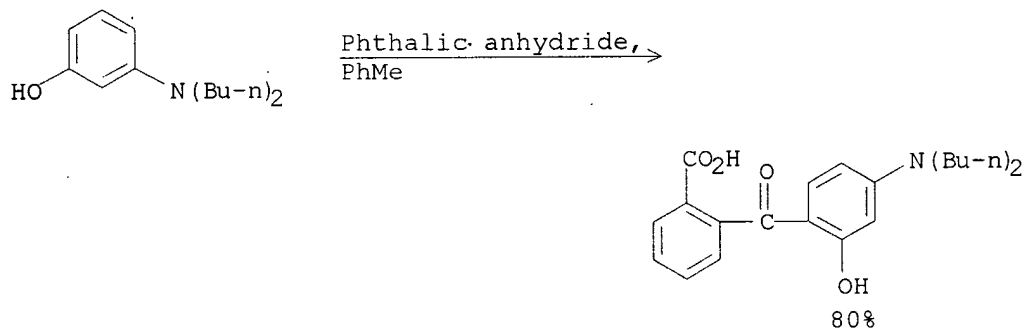
RX(1) OF 9



2 Na
80%

REF: Jpn. Kokai Tokkyo Koho, 2002173607, 21 Jun 2002

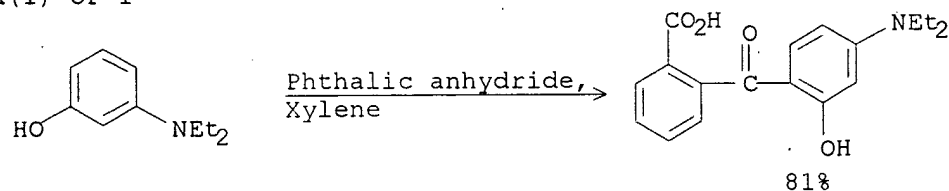
RX(2) OF 3



80%

REF: Nanjing Daxue Xuebao, Ziran Kexue, 37(5), 643-648; 2001

RX(1) OF 1

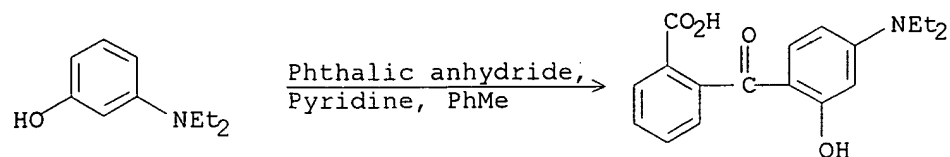


81%

REF: Ranliao Gongye, 37(5), 29-30, 15; 2000

L3 ANSWER 6 OF 14 CASREACT COPYRIGHT 2005 ACS on STN

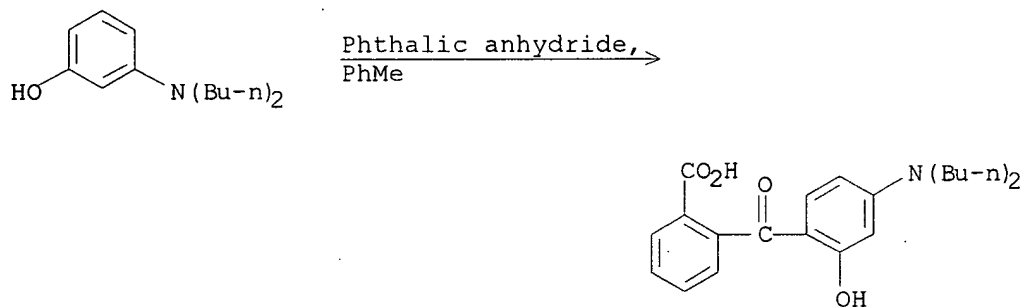
RX(1) OF 1



REF: Jpn. Kokai Tokkyo Koho, 11049736, 23 Feb 1999, Heisei

L3 ANSWER 7 OF 14 CASREACT COPYRIGHT 2005 ACS on STN

RX(1) OF 1

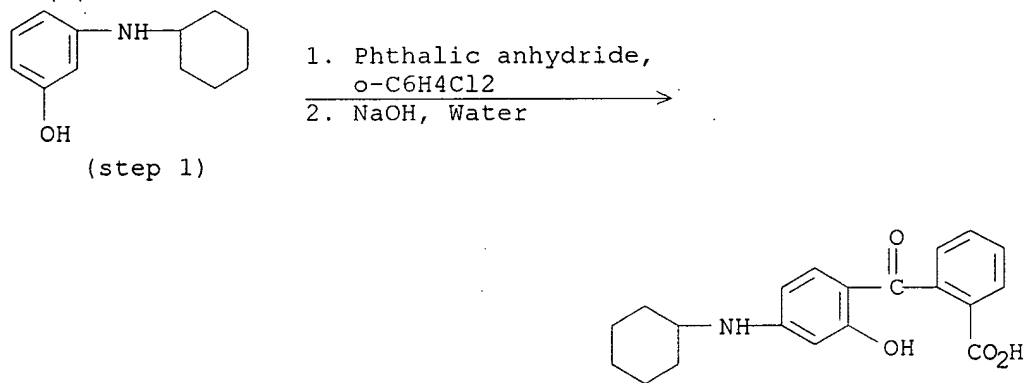


REF: Eur. Pat. Appl., 853079, 15 Jul 1998

NOTE: 90.degree. for 2 h; 95.degree. for 12 h, 90% conversion

L3 ANSWER 8 OF 14 CASREACT COPYRIGHT 2005 ACS on STN

RX(1) OF 1

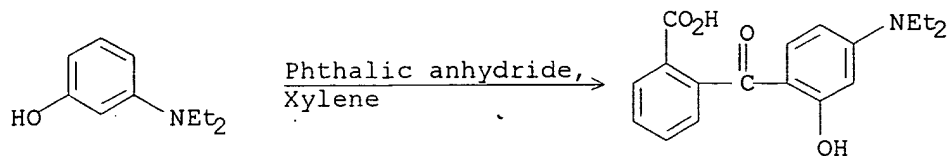


54%

REF: Jpn. Kokai Tokkyo Koho, 10007632, 13 Jan 1998, Heisei

L3 ANSWER 9 OF 14 CASREACT COPYRIGHT 2005 ACS on STN

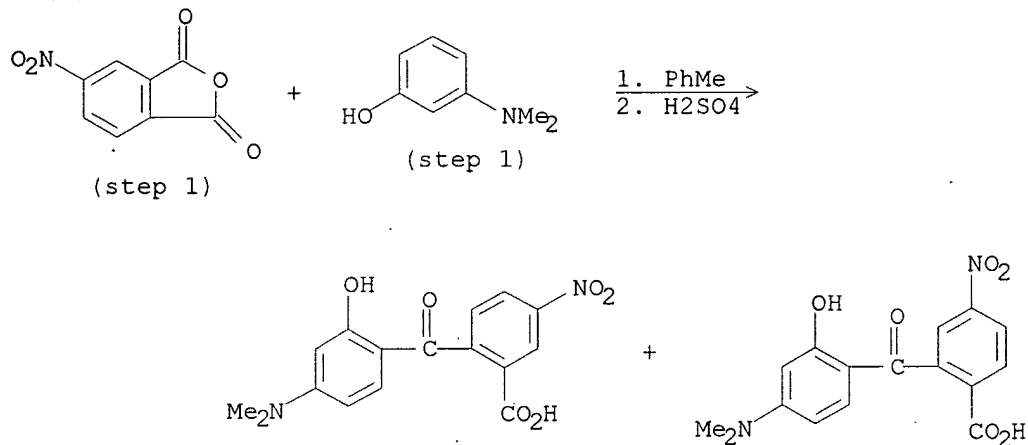
RX(3) OF 8



REF: Dyes and Pigments, 29(1), 45-55; 1995

L3 ANSWER 10 OF 14 CASREACT COPYRIGHT 2005 ACS on STN

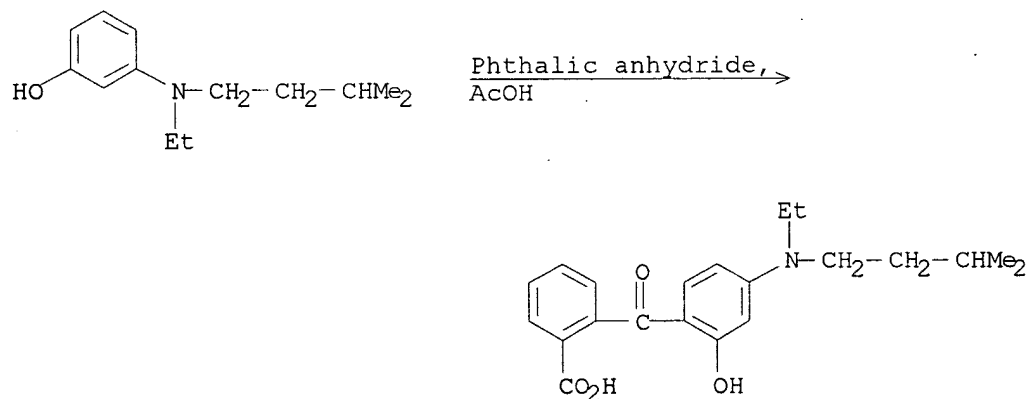
RX(7) OF 82



REF: PCT Int. Appl., 9509170, 06 Apr 1995
NOTE: 53% overall yield, Friedel-Crafts reaction

L3 ANSWER 11 OF 14 CASREACT COPYRIGHT 2005 ACS on STN

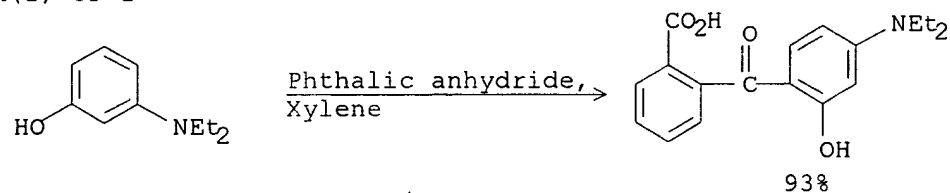
RX(1) OF 1



REF: Jpn. Kokai Tokkyo Koho, 06100512, 12 Apr 1994, Heisei
NOTE: 60.degree.

L3 ANSWER 12 OF 14 CASREACT COPYRIGHT 2005 ACS on STN

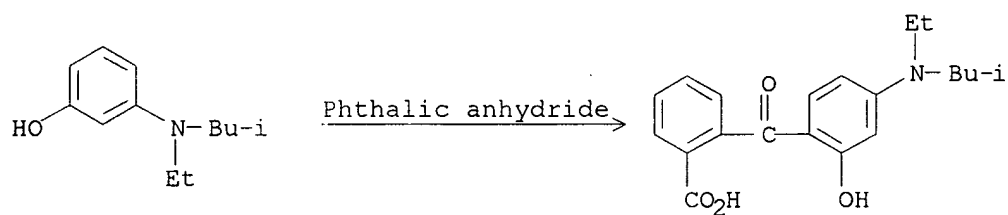
RX(1) OF 1



REF: Eur. Pat. Appl., 511019, 28 Oct 1992

L3 ANSWER 13 OF 14 CASREACT COPYRIGHT 2005 ACS on STN

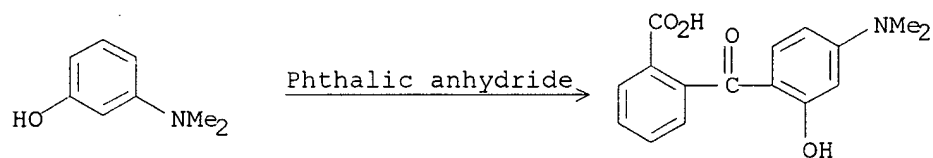
RX(2) OF 3



REF: Jpn. Kokai Tokkyo Koho, 62294647, 22 Dec 1987, Showa

L3 ANSWER 14 OF 14 CASREACT COPYRIGHT 2005 ACS on STN

RX(3) OF 18



REF: Dyes and Pigments, 8(1), 35-53; 1987

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